# Author Index

Aldersley, J. W., 4567
Avetisyan, A. A., 4577
Babitskii, B. D., 4345, 4351
Bach, D., 4483
Baltá Calleja, F. J., 4311, 4323, 4329
Bandermann, F., 4515
Baranov, E. L., 4379
Bartl, A., 4369
Benoit, H., 4597
Birshtein, T. M., 4617
Bresler, L. S., 4337
Charlesby, A., 4493, 4505
Cheritat, R., 4687
Chesnokova, N. N., 4345, 4351
Chromeček, R., 4677
Coiro, V. M., 4591
Crugnola, A., 4547
Daniels, T., 4533
Danjard, J. C., 4687
Danon, J., 4523
De Gaudemaris, G., 4653
De Santis, P., 4583, 4591
Dick, R., 4597
Dworkin, A., 4437
Fischer, E. W., 4405
Frank, W. A., 4669
Frei, Y. F., 4483
Frunze, T. M., 4379
Fydelor, P. J., 4493
Goddar, H., 4405
Golubeva, I. A., 4297
Gordon, M., 4567
Gregor, V., 4623
Guaita, M., 4713
Guyot, A., 4289
Hádek, V., 4465
Heřmánek, S., 4623
Hinschberger, A., 4437
Honzl, J., 4465
Hosemann, R., 4323, 4329
Jaeger, W., 4453
Jennings, B. E., 4723
Joly, M., 4273
Jones, M. E. B., 4723
Jozefowicz, J., 4523
Kormer, V. A. 4345, 4351
Kovacs, A. J., 4443
Kurashev, V. V., 4379
Kutsche, H. D., 4669
Le Doan, T., 4289
Ledran, F., 4687
Lehrle, R. S., 4533
Levesque, G., 4695
Liquori, A. M., 4583, 4591
Lobach, M. I., 4351
Locheux, M.-H., 4705
Machus, F. F., 4297
Marchal, J., 4437
Mazzarella, L., 4591
Metalová, M., 4465
Miller, I. R., 4483
Montague, P., 4505
Morris, J., 4505
Natta, G., 4723
Parrod, J., 4705
Pasquon, I., 4723
Paushkin, Ya. M., 4297
Pautrat, R., 4687
Pegoraro, M., 4547
Persoz, B., 4395
Pinazzi, C., 4695
Plešek, J., 4623
Poddubnyi, I. Ya., 4337 4345
Priola, A., 4713
Ptitsyn, O. B., 4617
Reibel, L., 4705
Reinisch, G., 4453
Roncin, J., 4437
Rose, J. B., 4723
Rosík, L., 4645
Rosso, J.-C., 4395
Roux, C., 4687
Sack, H., 4597
Severini, F., 4547
Sidelkovskaya, F. P., 4577
Signorini, R., 4723
Sikorski, R. T., 4389
Sillion, B., 4653
Simándi, T. L., 4607
Sinn, H., 4515
Sokolinskaya, F. A., 4297
Sokolov, V. N., 4337, 4345
Spach, G., 4705
Storbeck, I., 4361
Svoboda, V., 4645
Thilo, E. L., 4283

Tho, P. Q., 4289
Tlusťáková, M., 4465
Trossarelli, L., 4713
Tüdös, F. 4607
Turosányi, B., 4607
Ulbert, K., 4453, 4465
Vacherot, M., 4437
Vialle, J., 4289
Vishnyakova, T. P., 4297
Werner, R., 4429
Wichterle, O., 4677
Wilke, W., 4323, 4329
Winkler, A., 4283
Wittmann, J. C., 4443
Zambelli, A., 4723
Zelenskaya, M. G., 4577
Zelinger, J., 4259
Zeppenfeld, G., 4369
Zhbankov, R. G., 4629
Zikmund, M., 4645

# Subject Index

Acrylic acid, rheology in solution, 4273
Aromatic substitution, 4723
Arsenic oxides, 4283
Butadiene polymerization, stereoregular, 4337
  stereospecific, 4345
  with $\pi$-allylic catalysts, 4351
Carbene additions, 4695
Carborane polymers, 4623
Carboxymethylcellulose, with cellulose, 4429
Catalysts, ionic coordinated, 4337
Cationic depolarizers, transport through polybase monolayers, 4483
Cellulase, carboxymethylcellulose separation, 4429
Chain, statistical model of, 4617
Cyclopolymerization, of unconjugated dienes, 4713
Diene polymerization, with titanium complexes, 4645
Ebulliometer, 4533
Epoxydation, of unsaturated polymers, 4687
Ethylene glycol monomethacrylate, polymerization of, 4677
Ferrocene containing polymers, synthesis of, 4297
Isoprene, polymerization of, 4437
Kinetics, of anionic polymerization, 4289
  of radical polymerization, 4607
Lithium organyl, as initiator, 4515
Magnetic susceptibility, 4311
Metal-tetracyanoethylene, electrical properties, 4361
Methyl polymethacrylate, stereoregularity in, 4443
Nitrogen, new monomers containing, 4577
Order-disorder phenomena, 4311
Organic semiconductors, 4465
Polyacetoquinoline, thermostable polymer, 4653
Polyacrylic acid, grafted on ethylene propylene, 4547
Polyarylene, sulfones and ketones, 4723
Polycaprolactam, photooxidation and photolysis of, 4453
Polycarbohydrates, infra-red spectra, 4629
Polycondensation systems, substitution effects in, 4567
Polyethylene, electron microscopy of, 4405
Polyethylene oxide crystals, chain length of, 4329
  paracrystalline structure, 4323
Polyisobutylene, chlorination with sulfuryl chloride, 4389
Polyisobutylene–polystryene, copolymers, dispersion in, 4523
Polyisoprene, additions to, 4695
  kinetics of formation, 4515
Polymethyl methacrylate, isotactic, molecular conformation of, 4591
Polyoxymethylene diacetate, molecular distribution and fractionation, 4597
Polypeptides, copolymer syntheses involving, 4705
Polypropylene glycols, fractionation of, 4669
Polystyrene, isotactic, conformation analysis of, 4583
Polyvinyl chloride, peroxides of, 4369
  dynamic properties of, 4259
Propylene polymerization, 4723
Quinones, inhibition of polymerization with, 4607
Rh catalyst, 4345
Silicone rubbers, reinforcement mechanisms, 4505
Solid state polymers, effects of pressure in, 4493
Stereoregular macromolecules, structure and flexibility, 4617
Sulfur, new monomers containing, 4577
Two-step copolymerization, 4379
Unconjugated dienes, cyclopolymerization, 4713